

1. A plastic comprising a level of detectable 8-Nonenal ranging from about 0 to about 400 ppt.
2. The plastic of Claim 1 wherein the plastic is substantially free of perceptible off flavor.
3. The plastic of Claim 1 wherein the plastic is used to form a representative group of packages.
4. The plastic of Claim 1 wherein the package is constructed of a monolayer of plastic material.
5. The plastic of Claim 4 wherein about 20 to about 100% of the package comprises from about 0 to about 1900 ppt of 8-Nonenal.
6. The plastic of Claim 3 wherein the representative group of packages are food-bearing package constructed from a mono-layer of plastic material.
7. The plastic of Claim 3 wherein the level of said 8-Nonenal of a stored food or beverage product stored in the representative group of packages for 7 days at a temperature of 150°F ranges from about 0 to about 400 ppt.
8. The plastic of Claim 1 wherein the 8-Nonenal level has been reduced in the plastic to range from about 0 to about 1800 ppt by stripping the 8-Nonenal from the plastic.
9. The plastic of Claim 1 wherein the 8-Nonenal level is limited to range from about 0 to about 1800 ppt by the addition of anti-oxidants to the plastic.
10. The plastic of Claim 1 wherein the 8-Nonenal level is limited to range from about 0 to about 1800 ppt by limiting the metals content of colorants added to the plastic ranges from about 1 to about 1000 ppb.
11. The plastic of Claim 1 wherein the 8-Nonenal level is limited to range from about 0 to about 1800 ppt by the addition of processing aids to the plastic material.
12. A package formed substantially from plastic, comprising from about 0 to about 1800 ppt of 8-Nonenal for about 20 to about 100% of the package.
13. The package of Claim 12 wherein the package forms a representative group of packages.
14. The package of Claim 12 wherein the package is substantially free of perceptible off flavor.
15. The package of Claim 12 wherein the package is food bearing, beverage bearing or a mixture thereof.
16. The package of Claim 12 wherein the package comprises a multi-layer construction having an inner layer such that at least one of the layers comprise recycled plastic.
17. The package of Claim 12 wherein the package is constructed from a monolayer of plastic material.
18. The package of Claim 13 wherein the level of said 8-Nonenal of a stored perishable item stored in the representative group of packages for at least 7 days at a temperature of ranging from about 100 to about 150°F ranges from about 0 to about 400 ppt.